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Appln. No.: 10/579,787

Reply to non-final Office Action of September 15, 2008

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~A communication~~ An apparatus having
a first housing member,
a second housing member pivotally coupled to said first housing member,
a controller operable in a plurality of operation states, and
a detector associated with said first and second housing members, and connected to said controller,
said detector being adapted to detect an angle position related to said first and second housing members and supply an angle position detection signal to said controller, and
said controller being adapted to enter a first operating state when said angle position detection signal represents an angle position within a first interval less than a first threshold angle position, a second operating state when said angle position detection signal represents an angle position within a second interval greater than a second threshold angle position and less than a third threshold angle position, and a third operating state when said angle position detection signal represents an angle position within a third interval greater than a fourth threshold angle position, wherein the first threshold angle position is a smaller angle than the second threshold angle position and the third threshold angle position is a smaller angle than the fourth angle threshold position, and
wherein said controller is further adapted to control reception of an incoming call by rejecting said incoming call upon a transition from said second state to said first state, or accepting said incoming call upon a transition from said second state to said third state.
2. (Currently Amended) ~~The communication~~ The apparatus of claim 1, wherein the detector comprises a means provided with one or more cams and one or more electromechanical switches, said cams being adapted to actuate said one or more electromechanical switches to generate said angle position detection signal directly representing said angle position interval.

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3. (Currently Amended) The ~~communication~~ apparatus of claim 1, wherein said controller is adapted to accept said incoming call upon said transition from said second state to said third state after a transition from said first state to said second state, wherein said controller is adapted to provide caller information when in said second state.

4. (Currently Amended) The ~~communication~~ apparatus according to claim 1, wherein said first state is a state in which said first and second housing members are essentially folded up.

5. (Currently Amended) The ~~communication~~ apparatus according to claim 1, wherein said detector comprises a hall sensor.

6. (Currently Amended) The ~~communication~~ apparatus according to claim 1, wherein said detector comprises an electromechanical switch.

7. (Currently Amended) A method for operating a communication apparatus having a ~~first housing member and a second housing member pivotally coupled to said first housing member, said method comprising~~

detecting an angle position related to said a first housing member and pivotally coupled to a second housing member member of a communication apparatus;

entering a first, second and third state of said communication apparatus related to a first, second, and third interval of said angle position respectively, wherein the first state is entered when the angle position is less than a first threshold angle position. the second state is entered when the angle position is greater than a second threshold angle position and less than a third threshold angle position, and the third state is entered when the angle position is greater than a fourth threshold angle position; and wherein the first threshold angle position is a smaller angle than the second threshold angle position and the third threshold angle position is a smaller angle than the fourth threshold angle position;

receiving a phone call, comprising the sub-steps of

unfolding said communication apparatus from said first state to said second state;

displaying caller information; and

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rejecting said phone call by folding said communication apparatus to said first state; or
accepting said phone call by further unfolding said communication apparatus to said third
state.

8. (Previously Presented) The method of claim 7, wherein said detection comprises
actuating an electromechanical switch by a cam; and
generating an angle position signal by said electromechanical switch.

9. (Previously Presented) The method according to claim 7, comprising accepting an
incoming call upon said transition from said second state to said third state after a transition from
said first state to said second state.

10. (Previously Presented) The method according to claim 7, comprising activating a
display upon transition from said first state to said second state.

11. (Previously Presented) The method according to claim 7, comprising scanning of a
touch screen when said communication apparatus is in said third state.

12. (Previously Presented) The method according to claim 7, comprising activating
presentation of information of a new message on a display upon transition from said first state to
said second state.

13. (Original) The method of claim 12, comprising activating presentation of the
message upon transition from said second state to said third state.

14. (Previously Presented) The method according to claim 7, comprising activating
presentation of information of an incoming call on a display upon transition from said first state
to said second state.

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15. (Previously Presented) The method according claim 7, comprising deactivating a display upon transition from said second state to said first state.

16. (New) One or more computer readable media storing computer executable instructions that, when executed, cause an apparatus to perform:

detecting an angle position related to a first housing member pivotally coupled to a second housing member of a communication device;

entering a first operating state when said angle position is less than a first threshold angle position;

entering a second operating state when said angle position is greater than a second threshold angle position and less than a third threshold angle position;

entering a third operating state when said angle position is greater than a fourth threshold angle position; and

controlling reception of an incoming call by rejecting said incoming call upon a transition from said second operating state to said first operating state, and accepting said incoming call upon a transition from said second operating state to said third operating state,

wherein the first threshold angle position is a smaller angle than the second threshold angle position, and the third threshold angle position is a smaller angle than the fourth angle threshold position.

17. (New) The computer readable media of claim 16, wherein said instructions further cause the apparatus to perform providing caller information when the apparatus is in the second operating state.

18. (New) The computer readable media of claim 17, wherein said instructions further cause the apparatus to perform accepting said incoming call upon said transition from said second operating state to said third operating state after a transition from said first operating state to said second operating state.

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19. (New) The computer readable media of claim 16, wherein said first operating state identifies a closed configuration of the apparatus.